

MONTHLY WEATHER MAP

METEOROLOGICAL SERVICE

DOMINION OF CANADA

JULY 1932

TEMPERATURE

This July was cooler than usual over the greater part of the Dominion. In British Columbia the deficiency was four degrees in some parts of the southern interior and on the outer coast of Vancouver Island. In the northern interior the deficiency was two degrees or more and on the Pacific coast one degree.

In the neighbourhood of the Height of Land, in the districts of Temiskaming and Algoma in Ontario and the adjacent districts of Quebec, there was a deficiency of four or five degrees. There were also deficiencies of the same order in the vicinity of Lake St. John, the Island of Anticosti, part of northern New Brunswick and the region of Ungava Bay and the eastern entrance of Hudson Strait.

In southwestern Quebec, a large part of New Brunswick and Nova Scotia and a portion of southern Ontario the deficiency was two or three degrees. Along the shores of the Bay of Fundy, in the Annapolis valley, the Basin of Minas, Prince Edward Island and Cape Breton Island temperatures were nearly normal. In northwestern Ontario from the Lake of the Woods to western Algoma temperatures averaged normal or one degree below.

In Manitoba the excess was generally one degree. In southeastern Saskatchewan and part of the west central districts there was an excess of two or three degrees and local excesses of more than four degrees southwest of Battleford. In the vicinity of the Cypress Hills and the foothills of the Rockies and in the southern Peace River district temperatures ranged from normal to two degrees below. In south central Alberta, in the Athabaska valley and the lower Peace River valley, temperatures were above normal by one to five degrees. In the Yukon and the Mackenzie valley temperatures were nearly normal but in the region northwest from Hudson Bay, from Chesterfield Inlet to Coppermine, there was an excess of three to six degrees.

PRECIPITATION

On Vancouver Island and the lower mainland of British Columbia July is usually a dry month with a normal precipitation of about an inch or less in most districts. This July was a record wet month with amounts ranging from two to five inches for the most part. There were also large excesses in the upper Fraser valley but in the southern interior precipitation was normally light or deficient.

In Alberta the rainfall was very unevenly distributed. In the Peace River and Lesser Slave Lake districts the rainfall varied from just normal to one hundred per cent. excess. In the Edmonton region there was a small deficiency but in the upper Red Deer district the deficiency was about thirty per cent. In the east central districts and from Calgary to the lower Red Deer valley rainfall was nearly normal with some local excess. In the Medicine Hat region and west to Lethbridge there were both excesses and small deficiencies. In the extreme southwestern mountain region rainfall was very light, some stations reporting none at all.

In Saskatchewan also the rainfall was very irregular. From the Cypress Hills along a narrow band eastward to Swift Current three to six inches were reported where the normal July rainfall is about two inches. South of Moose Jaw and Regina in the Assiniboia-Weyburn-Yellow Grass districts the rainfall was an inch and a quarter where the normal amount is nearly two inches. In central Saskatchewan the rainfall varied from an inch and a quarter to three and a half inches but in the region of Prince Albert was four to five inches.

In Manitoba there was a large excess in the Brandon region but elsewhere in the province the rainfall varied from average to twenty per cent. deficient.

In parts of Ontario rainfall was quite heavy. These were mainly from the Lake of the Woods along the north shore of Lake Superior, in the Abitibi region, in the extreme southwestern counties and locally in the counties east of Georgian Bay. In most of the districts named the rainfall exceeded four inches and at some points in the extreme southwest exceeded six or even eight inches. Elsewhere in Ontario the amount was generally from two and a half to three and a half inches while a few localities in eastern Ontario and on Manitoulin Island had less than two inches.

In western Quebec the rainfall was generally four to six inches or more where the normal amount is from three to four inches. Exceptions were parts of the lower Ottawa and upper St. Lawrence valleys where the rainfall was two to three inches. In the Lake St. John region, along the lower St. Lawrence as far as Anticosti and in much of New Brunswick the amount was four to six inches where the normal amount is from three to four inches. At Saint John, N.B. the rainfall of eight and three quarter inches stands as a new record for July. In New Brunswick the excess ranged from seven to one hundred and fifty per cent. while in Prince Edward Island and Nova Scotia the excess ranged from eight to seventy-eight per cent.

In the far northwest at Churchill and Simpson the rainfall exceeded five inches which is very unusual since the normal amount in July in these regions is scarcely more than one inch.

A. J. CONNOR

SPECIAL REPORTS

NOTE—Column H is Highest Temperature; Column L is Lowest Temperature; Column P is Precipitation in inches; Column I denotes total of bright sunshine in hours during the month; Column Tm is the mean temperature of the current month.

BRITISH COLUMBIA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Victoria.....	74°	48°	1.9	238	57	Penticton.....	94°	44°	1.1			Glacier.....	82°	31°	3.7		
Sooke.....	72°	38°	2.4			Armstrong.....	89°	39°	0.8			Quesnel.....	81°	32°	2.8		
Shawnigan Lake...	77°	41°	2.1			Vernon.....	92°	44°	1.1	258		Prince George.....	78°	32°	5.2	206	57
Duncan.....	80°	42°	2.9			Kamloops.....	94°	45°	0.7	260	66	Field.....	87°	32°	1.8		
Nanaimo.....	77°	49°	3.7	180		Fernie.....	90°	37°	2.1			Salmon Arm.....	94°	43°	1.0	239	
Vancouver.....	77°	45°	5.3	195	62	Greenwood.....	101°	30°	0.7			Summerland.....	94°	41°	0.8	252	
New Westminster.	80°	46°	4.8			Cranbrook.....	92°	33°	0.3			Oliver.....	99°	44°	0.2	252	
White Rock.....	75°	45°	4.4			Kaslo.....	88°	42°	0.9			Prince Rupert....	70°	40°	10.5	83	55
Agassiz.....	81°	42°	4.3	132		Rossland.....	88°	40°	1.3			Estevan Point....			7.0		53
Chilliwack.....	83°	43°	3.5			Golden.....	93°	35°	0.7			Atlin.....			1.2		52

ALBERTA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Fairview.....	81°	38°	2.6	230	58	Coronation.....	92°	39°	2.2		61
Lac Cardinal.....	85°	34°	2.4		58	Hillsdown.....	97°	40°	2.0		61
Beaver Lodge.....	82°	36°	1.9	293	57	Stettler.....	92°	39°	1.2		62
Peace River.....	92°	37°	2.5		63	Delia.....	94°	36°	1.7		
Slave Lake.....	85°	36°	4.2		62	Brooks.....	96°	42°	1.4		66
Grouard.....	82°	37°	3.1		59	Seven Persons....			1.8		
High Prairie.....	84°	35°	2.5			Winnifred.....			1.5		
Wembley.....			3.1			Medicine Hat....			2.7	322	68
Entrance.....	84°	31°	3.2			Lougheed.....			2.0		
Anthracte (Banff) ..	86°	28°	1.2		56	Craigmyle.....			3.7		
Edmonton.....	89°	42°	3.3	294	60	Cowley.....			1.6		
Sion.....	86°	37°	2.4			Waterton Park....			0.0		
Wetaskiwin.....	91°	38°	1.0		60	Coleman.....			0.6		
Ranfurly.....	91°	39°	1.4		61	Maycroft.....			1.6		
Radway.....	87°	37°	3.9		59	Mountain View....			1.4		
Olds.....	88°	38°	1.9		58	Exshaw.....	86°	31°	1.4		
Calgary.....	87°	38°	2.1	307	61						

SASKATCHEWAN

Battleford.....	94°	41°	2.3		64	Pennant.....	95°	43°	3.1		66
Prince Albert.....	90°	38°	4.8		63	Shaunavon.....	96°	43°	2.5		66
Scott.....	90°	39°	2.8	277	62	Francis.....	97°	36°	1.3		66
Island Falls.....	84°	47°	3.4			Carlyle.....	97°	36°	2.3		64
St. Walburg.....	87°	36°	2.7			Caron.....	102°	37°	1.8		
Turtleford.....	82°	36°	3.1			Moose Jaw.....	100°	43°	2.8	329	68
Prongue.....			1.7			Qu'Appelle.....	98°	40°	1.6	298	66
Saskatoon.....	97°	38°	1.4		64	Swift Current....	94°	38°	6.0	326	64
Humboldt.....	91°	41°	2.7			Cypress Hills....	86°	35°	4.0		
Muenster.....	89°	35°	3.6			Grenfell.....	100°	40°	2.1		
Macklin.....	90°	41°	2.1		66	Assiniboia.....	97°	42°	1.2		
Lestock.....	98°	40°	1.5			Maple Creek.....	92°	41°	3.3		
Nipawin.....	90°	44°	4.7			Midale.....	100°	38°	1.9		
Hubbard.....	98°	38°	0.8			Lumsden.....	103°	45°	1.4		
Yorkton.....	100°	43°	2.0			Gravelbourg....	100°	38°	1.3		
Lintlaw.....	90°	40°	3.3			Beechy.....	95°	45°	2.9		
Kamsack.....	94°	44°	2.5			Davidson.....	97°	43°	1.0		
Biggar.....	97°	43°	1.1		66	Nokomis.....	94°	40°	3.1		
Harris.....	97°	44°	3.4			Leader.....	98°	40°	1.5		
Tugaske.....	96°	41°	2.5			Chaplin.....	94°	43°	4.6		
Outlook.....	94°	46°	2.4			Strasbourg.....	97°	41°	2.0		
Dana.....	92°	42°	3.6			Marquis.....			1.9		
Dundurn.....	97°	38°	1.2			Strongfield.....			2.7		
Muscowpetung....	106°	38°	3.3			High Point.....			2.8		
Regina.....	98°	39°	3.0		67	Gull Lake.....			2.5		
Whitewood.....	95°	37°	1.9		64	Illerbrun.....			2.5		
Indian Head.....	101°	40°	2.2		66						

MANITOBA

Russell.....	95°	42°	2.9			Graysville.....	92°	42°	2.5		
Virden.....	96°	42°	2.6			Winnipeg.....	90°	41°	2.5	292	67
Minnedosa.....	93°	40°	2.1		64	Morris.....	94°	49°	1.0		
Brandon.....	90°	40°	5.8			Morden.....	95°	43°	2.2	297	69
						Emerson.....	96°	45°	1.8		

ONTARIO

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Kenora.....	85°	47°	2.4			Brucefield.....	87°	43°	4.4		
Sioux Lookout....	86°	40°	3.0		64	Stratford.....	90°	46°	4.3		
Port Arthur.....	88°	43°	4.8		63	Woodstock.....	86°	45°	4.5	270	66
Ruel.....	84°	28°	1.6		59	Brantford.....	91°	45°	3.8		69
Atikokan.....	88°	32°	4.6			Simcoe.....	92°	45°	4.1		68
Ignace.....	89°	34°	4.1			Toronto.....	87°	50°	3.5	267	68
Timmins.....	81°	39°	4.1			St. Catharines....	80°	49°	5.6		
Cochrane.....	83°	38°	5.1	158	60	Bloomfield.....	86°	40°	2.2		
White River.....	81°	30°	4.1		60	Peterboro'.....	84°	48°	3.0		
Emo.....	90°	39°	5.6			Queensboro'.....	86°	40°	3.5		
Haileybury.....	84°	44°	3.8	247	63	Bancroft.....	85°	39°	2.5		
Quorn.....	88°	34°	3.2			Kemptville.....	88°	44°	1.2		66
Parry Sound.....	84°	43°	2.5		65	Belleville.....	88°	48°	2.2	245	67
Scotia Junction....	83°	40°	5.0		64	Kingston.....	83°	50°	2.6	249	66
Beatrice.....	84°	38°	2.2		66	Brockville.....	85°	49°	3.0	194	
Mount Forest.....	86°	40°	2.4	175	64	Morrisburg.....	87°	41°	2.2		
Alton.....	87°	45°	3.8	301	64	Ottawa (Exp.Farm)	88°	41°	3.0		68
Barrie.....	84°	46°	3.5	182	64	Renfrew.....	86°	46°	2.2		
Walkerton.....	91°		5.3		65	Pembroke.....	91°	46°	2.1		66

QUEBEC

Cedars.....	85°	50°	2.3		67	Huberdeau.....	84°	38°	2.7		64
Macdonald College.	82°	52°	2.5		66	Maniwaki.....	85°	44°	4.1	257	63
Montréal.....	86°	53°	3.4	235	68	Drummondville....	85°	43°	5.4		62
Brome.....	81°	40°	5.6		64	Québec.....	83°	46°	4.6	205	65
Farnham.....	84°	43°	3.4	237	65	Cap Rouge.....	83°	45°	4.4	190	64
Nicolet.....	83°	45°	6.9		66	Biquette.....	79°	43°	5.9		
Sherbrooke.....	87°	42°	5.3	229	65	Ste. Anne de la					
East Angus.....	86°	43°	5.0			Pocatière.....	82°	45°	4.5	170	64
Lake Mégantic....	80°	44°	4.1		62	Manouan.....	82°	35°	2.7		
Lennoxville.....	83°	38°	4.4	214	64	St. Joachim.....	81°	45°	5.3	192	64
Beauceville.....	84°	43°	4.6		64	Kenogami.....	85°	44°	4.8		63
Sorel.....	84°	45°	4.1		66	Ile Maligne.....	80°	40°	5.7		59
St. Tite.....	82°	37°	5.4			Roberval.....	82°	46°	3.6		62
Joliette.....	86°	45°	2.3		67	Albanel.....	82°	38°	5.5	212	
St. Gabriel de						La Ferme.....	84°	32°	4.7	193	59
Brandon.....	80°	42°	3.0			Causapsal.....	81°	39°	3.6		
Mercier Dam.....	82°	40°	4.2			Ville Marie.....	88°	40°	2.1		62
Ste. Agathe						Angliers.....	84°	42°	6.6		
des Monts	80°	40°	2.7		61	Gaspé.....	87°	41°	5.7		
Mont Laurier.....	85°	42°	3.2		62						

ATLANTIC PROVINCES

Saint John.....	81°	49°	8.7	210	61	Woodstock.....	85°	39°	3.8		64
Aroostook.....	85°	41°	4.2		63	Halifax.....	80°	48°	5.2		63
Bathurst.....	86°	45°	2.6		63	Annapolis Royal..	80°	45°	4.3	239	64
Chatham.....	83°	44°	4.7		63	Digby.....	79°	45°	5.0		63
Edmundston.....	81°	39°	4.6		61	Kentville.....	87°	44°	3.5	228	65
Fredericton.....	85°	46°	5.5	217	64	Liverpool.....	81°	38°	4.8		61
Fredericton.....	84°	45°	4.1	189	63	Nappan.....	80°	43°	4.5	207	62
(Experimental Farm)						Sydney.....	84°	44°	3.8		63
Gagetown.....	82°	47°	5.1		65	Truro.....	83°	43°	3.7		64
Grand Falls.....	80°	40°	3.1		61	Upper Stewiacke..	84°	37°	4.0		62
Harvey.....	84°	45°	4.2		63	Wolfville.....	85°	47°	3.6	235	65
Musquash.....	80°	45°	1.3		60	Yarmouth.....	75°	46°	4.0		59
McAdam Junction..	80°	42°	5.3		63	Charlottetown....	81°	51°	3.9		65
Rexton.....	88°	43°	2.8		64	Charlottetown....	82°	50°	4.9	231	65
Sussex.....	84°	44°	5.6		65	(Experimental Farm)					



Ellesmere Island

90° 85° 80° 75° 70° 65° 60° 55° 50° 45° 40° 35°

RESEARCH MAP

CE, DOMINION OF CANADA.

an temperature, and total precipitation of the month.



REFERENCES.

The Black lines shew the difference from the normal mean Temperature.
The shading shews approximately the precipitation of the month.



